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CLAIMS

1.   A method for providing sequential initialization of redundancy data in a volume comprising the steps of:

(A) defining a boundary;

(B) determining a location of said data with respect to said boundary; and

(C) initializing a redundancy location of said volume and writing said data and a redundancy of said data to said volume.

2.   The method according to claim 1, wherein step (C) further comprises writing said data to a first portion of said volume and writing a redundancy of said data to a second portion of said volume.

3.   The method according to claim 2, wherein said first portion comprises a primary data portion and said second portion comprises a redundancy data portion.

4.   The method according to claim 1, wherein step (B) further comprises the step of:

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if said location is before said boundary, writing said data.

5.   The method according to claim 4, wherein step (B) further comprises the step of:

if said location is after said boundary, (i) enforcing a sequential write or (ii) not enforcing a sequential write.

6.   The method according to claim 5, wherein step (B) further comprises the step of:

if said location is at said boundary, moving said boundary and initializing said redundant location.

7.   The method according to claim 1, wherein boundary comprises an initialization boundary.

8.   The method according to claim 1, wherein step (C) is further configured to sequentially write redundant data to a redundancy portion of said volume.

9.   The method according to claim 1, wherein step (A) further comprises indicating an end of a primary data portion.

10.   The method according to claim 1, further comprising the step of:

(D)   controlling steps (A), (B) and (C) in response to a predetermined attribute.

11.   The method according to claim 10, wherein said predetermined attribute is user defined.

12.   A controller software medium configured to perform the steps of claim 1.

13.   A computer readable medium configured to perform the steps of claim 1.

14.   An apparatus comprising:

means for defining a boundary;

means for determining a location of said data with respect to said boundary; and

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means for initializing a redundancy location of said volume and writing said data and a redundancy of said data to said volume.

15. An apparatus comprising:

a circuit comprising a volume configured to provide initialization of redundancy data, wherein said circuit is configured to sequentially initialize a redundant location of said volume to store redundant data up to a boundary of said volume.

16. The apparatus according to claim 15, wherein said boundary is further configured to move and initialize a next redundant location.

17. The apparatus according to claim 15, wherein said circuit is controlled by a host device.

18. The apparatus according to claim 15, where said circuit comprises a drive controller.

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19.   The apparatus according to claim 15, where said circuit is configured to control one or more drives.

20.   The circuit according to claim 19, where said circuit is further configured to control one or more volumes of said one or more drives.

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